

# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/154

Date: 26-05-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Markari, Block – Barhalganj, Distt. – Deoria  
Drilling Depth (m) : 157.00 mbgl as reported by Driller  
Logged Depth (m) : 155.00 mbgl  
Date of Logging : 26.05.2023  
Types of Log : S.P., ~~Resistivity (Normal)~~ & ~~Natural Gamma~~  
Logger Used : Robertson Geologging.,

Bore Hole Drilled by : Rithwik-Koya-JV.,

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Quality & Types of Strata	$R_{mf}$ & $R_w$
<del>1</del>	32 – 46	14	Good	$R_{mf} = 16.78 \Omega m$
<del>2</del>	51 – 55	4	Good	$R_w = 18.59 \Omega m$
<del>3</del>	72 – 76	4	Good	
<del>4</del>	100 – 108	8	Good - Kankar Intermixed.	
<del>5</del>	112 – 128	16	Good	

Remark: ~~Almost all zones are intermixed with fine bands of kankar.~~

Verified as per  
logs provided.

G.Sh  
27/05/23



(A.K. Singh)  
Geophysicist





**Transnational**  
Drilling & Mining Associates Pvt. Ltd.

# ELOG

## NG, 16", 64" & SP MARKARI

COMPANY **Rithwik-Koya-JV**  
WELL **MARKARI**  
WELL EXT  
FIELD **BARHALGANJ**  
COUNTY **GORAKHPUR**  
STATE **UTTAR PRADESH**  
COUNTRY **INDIA**  
API NO.

COMPANY : **Rithwik-Koya-JV**  
WELL : **MARKARI**  
WELL EXT :  
FIELD : **BARHALGANJ**  
COUNTY : **GORAKHPUR**  
STATE : **UTTAR PRADESH**  
COUNTRY : **INDIA**  
API NO. :  
UNIQ ID :

SECTION: **N/A** TOWNSHIP: RANGE:

LOCATION :  
LAT GPS UTM  
LON GPS UTM  
DISPLAY7\_JL60

PERMANENT DATUM  
DRI MEASURED FROM  
LOG MEASURED FROM  
ELEV. PERM. DATUM

M

Elevations:  
KB  
DF  
GL

M  
M  
M

Other Services:

DATE

TIME

DEPTH DRILLER

M

DEPTH LOGGER

M

FIRST READING

M

LAST READING

M

BIT SIZE

CM

CASING -- DRILLER

M

CASING -- LOGGER

M

CASING O.D.

M  
CM

CASING TYPE

FLUID TYPE

FLUID DENSITY

FLUID VISCOSITY

FLUID PH

MUD SOURCE

RM @ MEAS TEMP

@ C

RMF @ MEAS TEMP

@ C

RMC @ MEAS TEMP

@ C

CIRC STOPPED

RIG NUMBER

RECORDED BY

WITNESSED BY

BOTTOM HOLE TEMP

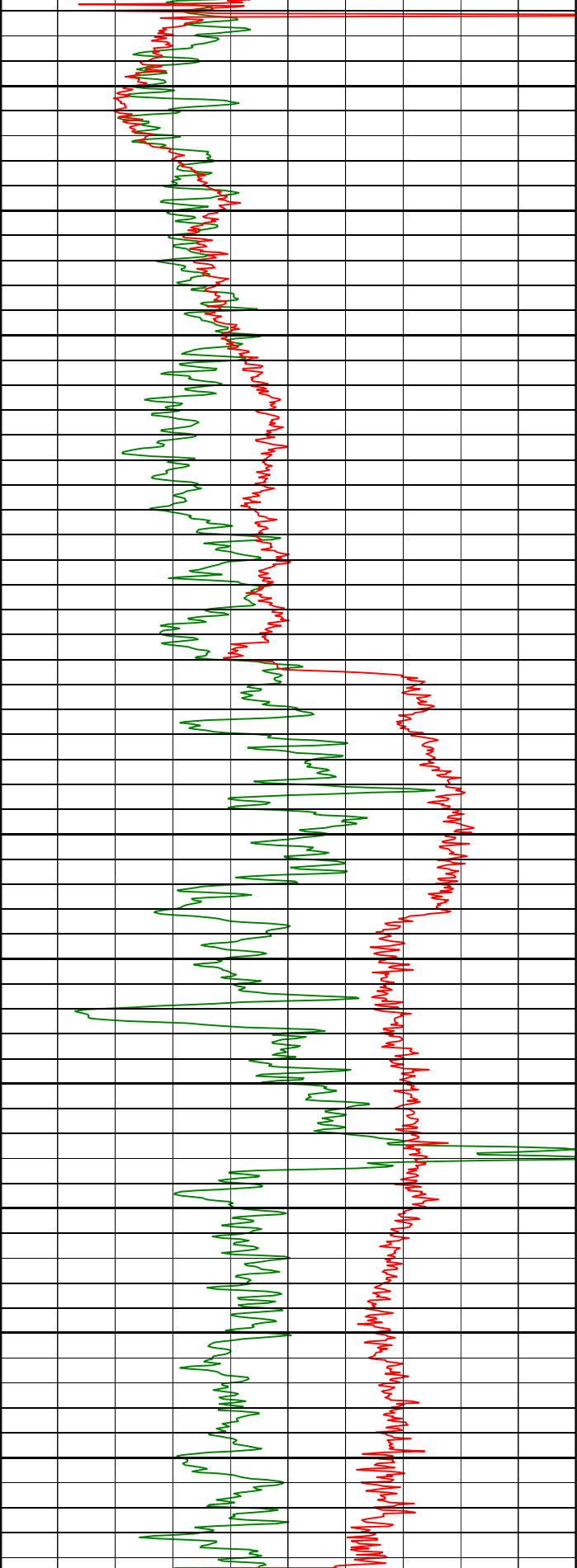
REMARKS 1

REMARKS 2

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

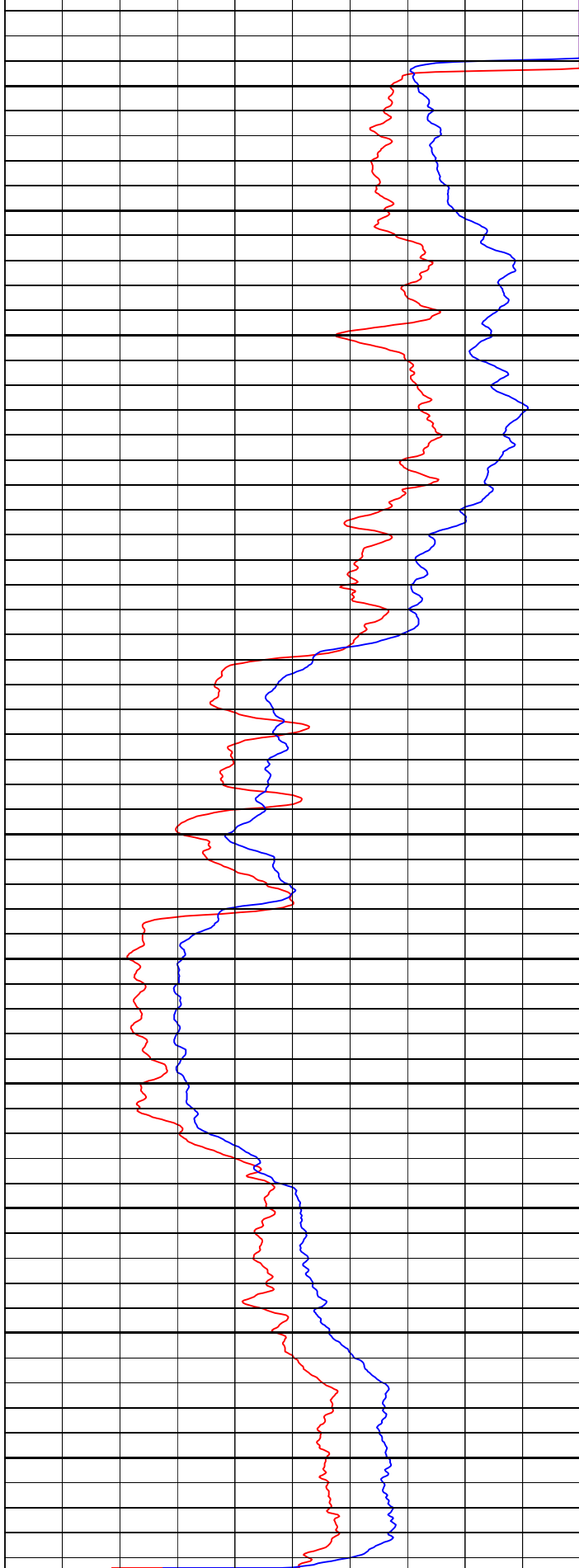
SP  
90 mV 140  
NGAM  
0 CPS 150

METERS  
SPEED --

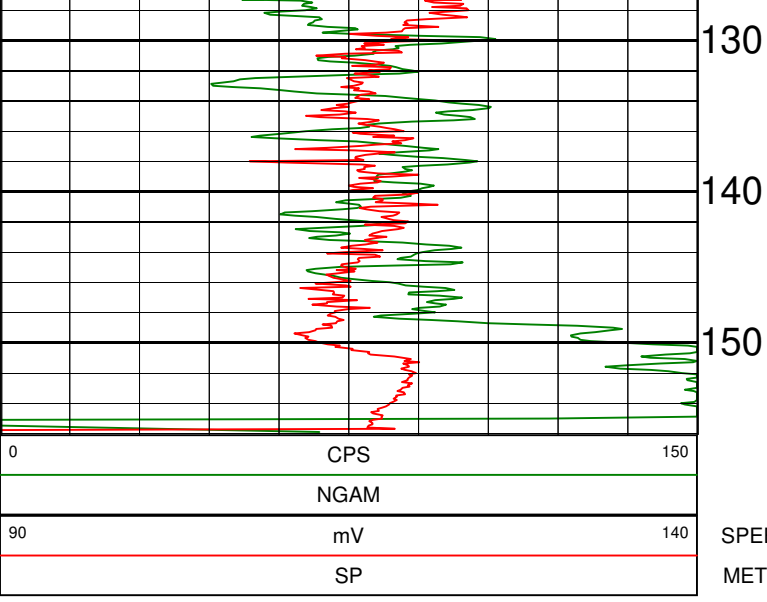


10  
20  
30  
40  
50  
60  
70  
80  
90  
100  
110  
120

SHN  
0 OHMM 80  
LON  
0 OHMM 80



10  
20  
30  
40  
50  
60  
70  
80  
90  
100  
110  
120



SPEED --  
METERS

